

Study Number: C11054-03
Test Type: TOX
Route: Oral Gavage
Species/Strain: Guinea Pig/Hartley

PA48: Summary of Tissue Concentration

Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 01/28/2019
Time Report Requested: 08:50:59
Lab: Battelle

C Number:

C11054-03

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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		Male			
Phase	Dose (mg/kg)	0	1	10	30
SD 7	Sulfolane Plasma Concentration (ng/ml)	NR	NR	NR	NR
SD 28	Sulfolane Plasma Concentration (ng/ml)	BD	NR	NR	25566.67 ± 584.05 (3)
SD 29	Sulfolane Plasma Concentration (ng/ml)	BD	BD	1.44 ± 0.25 (10)	6.47 ± 1.31 (10)

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		Male		
Phase	Dose (mg/kg)	100	300	800
SD 7	Sulfolane Plasma Concentration (ng/ml)	NR	NR	2290000.00 ± 780000.00 (2)
SD 28	Sulfolane Plasma Concentration (ng/ml)	114000.00 ± 2309.40 (3)	493333.33 ± 35890.26 (3)	NR
SD 29	Sulfolane Plasma Concentration (ng/ml)	4662.69 ± 1625.65 (10)	214160.00 ± 63420.49 (10)	NR

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		Female			
Phase	Dose (mg/kg)	0	1	10	30
SD 6	Sulfolane Plasma Concentration (ng/ml)	NR	NR	NR	NR
SD 28	Sulfolane Plasma Concentration (ng/ml)	BD	NR	NR	24400.00 ± 321.46 (3)
SD 29	Sulfolane Plasma Concentration (ng/ml)	BD	BD	BD	6.37 ± 2.01 (10)

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		Female		
Phase	Dose (mg/kg)	100	300	800
SD 6	Sulfolane Plasma Concentration (ng/ml)	NR	NR	1214571.43 ± 98676.69 (7)
SD 28	Sulfolane Plasma Concentration (ng/ml)	104000.00 ± 1000.00 (3)	416666.67 ± 92851.73 (3)	NR
SD 29	Sulfolane Plasma Concentration (ng/ml)	773.08 ± 305.57 (10)	150340.00 ± 30857.46 (10)	NR

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

SD – Study Day

Values below the limit of detection (LOD) were substituted with 1/2 the LOD value.

If 80% or more of the values in a dose group were below the LOD, no statistical analysis was performed.

Values for the males in the 800 mg/kg dose group were from samples collected on study day 7 and values for the females in the 800 mg/kg dose group were from samples collected on study day 6.

SD28: Samples were taken 2 hours post dose from animals in the 0, 30, 100, and 300 mg/kg dose groups only. SD29: 24 hour post dose samples were taken from animals in the 0, 1, 10, 30, 100, and 300 mg/kg dose groups. Samples from the 800 mg/kg dose group animals were taken on the day of their removal.

BD - Group did not have over 20% of its values above the limit of detection.

NR – not recorded

**** END OF REPORT ****